United States Patent [19] Kuan et al.							
[54]	METHOD AND APPARATUS FOR HANDWRITTEN CHARACTER RECOGNITION						
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[86]	rield of Se	382/20, 22, 24, 28, 382/19, 25, , 51, 13, 36					
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## [57] ABSTRACT

A method and apparatus is provided for written character recognition. The method includes thresholding an input gray level character image to derive its bilevel image, extracting stroke-based features of said bilevel image, classifying the features based upon a set of predetermined rules, determining the identity of the character utilizing the classification, and indicating the identity of the character. A method and apparatus for extracting features of a written character is also provided. This method includes raster scanning the written character to determine stroke-based features, extracting vertical strokes of the character and extracting horizontal strokes of the character.

## 4 Claims, 5 Drawing Sheets

Microfiche Appendix Included (1 Microfiche, 46 Pages)

